in Great Britain



CONTENTS OF VOLUME 33

Number 1

Litter on the Israeli Coastline	1
ABRAHAM GOLIK & TARON GERTNER (ISIACI)	
Cadmium Accumulation by <i>Halimione portulacoides</i> (L.) Aellen. A Seasonal Study F. REBOREDO (Portugal)	17
An Examination of Dechlorination Processes and Pathways in New Bedford Harbor Sediments	31
Effects of Sewage Sludge on Marine Fish Embryos and Larvae MARK J. COSTELLO & JOHN C. GAMBLE (UK)	49
Short Communication Analog Model of Diffusion in Bays and Estuaries	75
Number 2	
Application of the DNA Alkaline Unwinding Assay to Detect DNA Strand Breaks in Marine Bivalves	83
Effect of Cupric Ion Activity on Calcium Accumulation in Juvenile Flounder (Paralichthys spp.). DAVID K. DODOO, DAVID W. ENGEL & WILLIAM G. SUNDA (USA)	101
General Characteristics of the Frequency Distributions of Element Concentrations and of Interelemental Correlations in Aquatic Organisms	111
Cyclic Organochlorines in the Sea Star Asterias rubens from the German Bight, December 1988-May 1989	127
283	
Marine Environ. Res. (33) (1992)—© 1992 Elsevier Science Publishers Ltd, England.	Printed

Influence of Ecdysis on the Accumulation of Polycyclic Aromatic Hydrocarbons in	
Field Exposed Blue Crabs (Callinectes Sapidus)	145
ROBERT F. MOTHERSHEAD, II & ROBERT C. HALE (USA)	
Announcements	157
Number 3	
Effects of Hibernia Crude Oil on Capelin (Mallotus villosus) Embryos and Larvae M. D. PAINE, W. C. LEGGETT, J. K. MCRUER & K. T. FRANK (Canada)	159
Mercury Contamination in a Semi-enclosed Marine Embayment: Organic and Inorganic Mercury Content of Biota, and Factors Influencing Mercury Levels in	
Fish KEVIN A. FRANCESCONI & RODNEY C. J. LENANTON (Australia)	189
Ethoxyresorufin-O-deethylase (EROD) Activity in Flatfish: Fast Determination with a Fluorescence Plate-Reader	213
Number 4	
The Composition and Distribution of Saturated and Aromatic Hydrocarbons in Nearshore Sediments, River Sediments, and Coastal Peat of the Alaskan Beaufort Sea: Implications for Detecting Anthropogenic Hydrocarbon Inputs	223
Na ⁺ , K ⁺ -ATPase Activity in the Gills of the Flounder (<i>Platichthys flesus</i>) in Relation to Mercury Contamination in the Firth of Forth	255
Trace Metal Concentrations in Sediments of the Eastern Mississippi Bight. B. J. PRESLEY, R. J. TAYLOR & P. N. BOOTHE (USA)	267

